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# MULTIMEDIA UNIVERSITY

## FINAL EXAMINATION

TRIMESTER 1, 2016/2017

### TIS 3251– INFORMATION SYSTEMS PLANNING AND DEVELOPMENT

( All Sections / Groups )

10 OCTOBER 2016  
2.30 p.m. – 4.30 p.m.  
( 2 Hours )

Question	Marks
Total (50%)	

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#### INSTRUCTION TO STUDENT

1. This Question paper consists of **TEN** pages with **SIX** questions only.
2. Answer any **FIVE** out of the **SIX** questions.
3. If you answer all questions, **ONLY** the **FIRST** five questions will be marked.
4. Each question carries **10 marks** and the maximum marks allotted are **50 marks**.
5. Please print all your answers **clearly** and **neatly** in the specified **ANSWER BOX** provided for each question.

**Question No. 1**

- a. How would you distinguish data and information, and what is the difference between information and knowledge?

(3 marks)


- b. Define the term *system*. What is the difference between a stable system and a dynamic system? Give an example of each system.

(3 marks)


Continued.....



- b. Explain two components of the decision support system (DSS).

(3 marks)


- c. Discuss the term *artificial intelligence* and *natural intelligence*.

(3 marks)


Continued.....

**Question No. 3**

- a. Why would an organization choose to implement a client/server system?

(3 marks)


- b. List the three primary categories of modules that are likely to be offered by a major ERP vendor?

(3 marks)


Continued.....

- c. Identify four reasons for a systems development project to be initiated.

(4 marks)


**Question No. 4**

- a. What is interactive processing? What design factors should be taken into account for this type of processing?

(3 marks)


**Continued.....**

- b. What is *Request for Proposal* (RFP)? List three items that are typically included in RFP.

(4 marks)


- c. Describe the steps in the *Definition Phase* of the systems development life cycle (SDLC) as discussed in our lectures.

(3 marks)


Continued.....

**Question No. 5**

- a. Explain in detail one additional step (from the total five steps) for **purchasing** a system that are not part of the Definition Phase of a traditional system development life cycle (SDLC) process.

(3 marks)


- b. Describe what kind of requirements/items a purchasing company might want to learn from a vendor demonstration of a packaged system.

(3 marks)


Continued.....



- c. If a person has been certified by the Project Management Institute (PMI) but has never been on an IT project team, would you even consider hiring that person to manage an IT project? Justify your answer.

(4 marks)


### Question No. 6

- a. Why has the IS leadership role in organizations become so important?

(3 marks)


Continued.....

- b. Describe how a company policy could minimize a specific business risk associated with user computing?

(3 marks)


- c. Some people believe that “access to computers should be unlimited and total” and that “all information should be free.” Do you agree with these statements? Why or why not?

(4 marks)


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